GOVERNMENT OF INDIA
SPACE
LOK SABHA

UNSTARRED QUESTION NO:3160
ANSWERED ON:12.03.2003
SEAMLESS AIR NAVIGATION
CHANDRA BHUSHAN SINGH

Will the Minister of SPACE be pleased to state:

(a) whether the Indian Space Research Organisation (ISRO) proposes to build a satellite-based augmentation system to support seamless air navigation over the Indian space;

(b) if so, the details thereof and the progress achieved in this regard; and

(c) by when it is likely to become operational?

Answer

MINISTER OF STATE IN THE MINISTRY OF PLANNING, MINISTER OF STATE IN THE MINISTRY OF STATISTIC PROGRAMME IMPLEMENTATION, MINISTER OF STATE IN THE DEPARTMENT OF ATOMIC ENERGY AND MINIST STATE IN THE DEPARTMENT OF SPACE (SHRI S.B. MOOKHERJEE)

(a) The Indian Space Research Organisation (ISRO)in coordination with the Airports Authority of India has taken up a Proof of Concept Technology Demonstration System (TDS) for Satellite Based Augmentation System (SBAS).

(b) The TDS will have the necessary infrastructure in Space and on ground todemonstrate the concept. Initially, for the demonstration, a network of ground reference stations and master control station, ground uplink station and satellite navigation payload in space is planned.

(c) A time-frame of four years is anticipated for the Proof of Concept demonstration.